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Stated Meeting, April 1st, 1870.

Present, eleven members.

PROF. CRESSON, Vice-President, in the Chair.

Letters accepting membership were received from Carl Fr. Naumann, dated Leipsic, 13th February, 1870; George Ritter Von Frauenfeld, Wien, 5th March, 1870; Prof. Dr. F. V. Hochstetter, Wien, 2d March, 1870; Louis Gruner, Prof. Min. École des Mines, Paris, 6th March, and Edward Everett Hale, dated Boston, March 21, 1870.

Donations for the Library were received from the London Astronomical Society; M. Theodore Wechniakof, of Paris; the Boston S. N. H.; the Cambridge Museum of Comparative Zoology; Mr. J. H. Trumbull, of Hartford, Dr. S. D. Gross, of Philadelphia, the Franklin Institute, the Episcopal Hospital, and the Editors of Nature.

Prof. Cope exhibited fossil fishes in black shale from Dr. Hayden's collections of 1869; from Railroad cuttings, in the Green River Country, Rocky Mountains, belonging to the salt water family of the Clupeidæ, and the brackish water family of the Cyprinodontidæ, for two of which he proposed the names, *Lithichthys pusillus* and *Cyprinodon levatus*. These make the first appearance in America, of genera known to be fossil in the rocks of Mount Lebanon. (See Proceedings below.)

Dr. Hayden described the large collections which he made in that region, and deposited at Washington. The shales are charged with bituminous matter, and exhibit multitudes of small fish, insects, freshwater-plant stems, nuts, and among other things, a true feather, as determined by Mr. Marsh, of New Haven; probably not a bird's feather, but belonging to some form of Archæopteryx.

A discussion took place respecting the law of storms as set forth in a recent memoir by M. Prestel.

Pending nominations Nos. 649 to 656, and new nominations Nos. 657, 658, were read.

And the Society was adjourned.